



Carswell/Plant 4

Site Investigation of 12 Underground Storage Tanks Draft Work Plans

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INTRODUCTION

Naval Air Station Fort Worth Joint Reserve Base (NAS Fort Worth JRB), formerly Carswell Air Force Base (AFB), is in the process of planning and conducting activities for the identification, remediation, and closure of contaminated sites at the base through the Installation Restoration Program (IRP). The IRP is the Department of Defense's (DoD) primary mechanism for environmental response actions on U.S. Air Force installations. IRP activities are governed by provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Resource Conservation and Recovery Act (RCRA), and other applicable Federal and state regulations. The IRP at NAS Fort Worth JRB is being conducted through the combined efforts of the Air Force Center for Environmental Excellence (AFCEE) and the Air Force Base Conversion Agency (AFBCA).

WORK PLAN OBJECTIVES AND APPROACH

Draft Work Plans have been developed for the site investigation of 12 underground storage tanks (UST) as part of the ongoing IRP. These 12

USTs are located throughout NAS Fort Worth JRB and consist of 9 USTs that were removed and 3 USTs that were abandoned in place. An investigation will be conducted at each UST site in an effort either to provide evidence in support of closure to the Texas Natural Resources Conservation Commission (TNRCC) or determine if remediation is warranted. The TNRCC closure process for USTs is illustrated in the figure on the back of this page.

The first objective of this site investigation is to confirm the existence of two USTs in question. Field methods will include a visual inspection and a geophysical survey at each of the suspected sites. The second objective of the site investigation is to determine if a release from any of the USTs has occurred. Field methods will include a soil gas survey, advancement of soil borings to collect subsurface soil samples, and groundwater sampling from existing monitoring wells. The third objective of the site investigation is to characterize the nature and extent of any contamination encountered during the initial investigation. This objective will be accomplished by defining the vertical and lateral extent of contaminants that exceed TNRCC action levels for leaking petroleum storage tank sites. Field methods will

include further soil boring installation and soil sampling; monitoring well installation; and groundwater sampling from new and existing monitoring wells.

When delineation of the contamination is complete at each UST site, the results of the investigation will be compiled and presented in a Site Investigation report with a discussion of the applicable TNRCC regulations that are appropriate for closure of each UST site.

For More Information:

If you would like more information about the Draft Work Plans for the Site Investigation of the 12 Underground Storage Tanks, contact Michael Dodyk, HQ AFCEE, at (817) 732-9734 or via e-mail at michael.dodyk@HQAFC EE.brooks.af.mil.

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